



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/529,669	03/29/2005	Gerben Johan Hekstra	NL02 0999 US	8538
24738	7590	10/03/2007	EXAMINER	
PHILIPS ELECTRONICS NORTH AMERICA CORPORATION INTELLECTUAL PROPERTY & STANDARDS 370 W. TRIMBLE ROAD MS 91/MG SAN JOSE, CA 95131			DESIR, JEAN WICEL	
		ART UNIT	PAPER NUMBER	
		2622		
		MAIL DATE		DELIVERY MODE
		10/03/2007		PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/529,669	HEKSTRA ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Jean W. Désir	2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is **FINAL**.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-6, 11 and 15-17 is/are rejected.
- 7) Claim(s) 7-10 and 12-14 is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.

- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 5) Notice of Informal Patent Application
- 6) Other: \_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6, 11, 15, 17 are rejected under 35 U.S.C. 102(b) as being anticipated by Bartlett (US 6,252,636).

**Claim 1:**

Bartlett discloses:

A color display device (see Fig. 1) for displaying a color image, comprising  
“a display panel provided with a plurality of picture elements”, see col. 5 lines 30-46, col. 2 lines 21-26,

“at least two selectable lightsources having different predetermined radiance spectra's”, see Fig. 1 items 40, 50,

“a color selection means which in combination with the selectable light sources is able to produce primary colors on the display panel”, see col. 5 lines 5-25, col. 6 lines 10-27,

“control means arranged to select alternately one of the selectable lightsources during a first and second period respectively and to provide a portion of the picture

elements with image information corresponding to the primary color obtainable with the selected light source", see col. 5 lines 13-25, 47-61.

Claims 2-4 are disclosed, see col. 6 lines 10-27, col. 5 lines 5-25, 47-61.

Claims 5, 6 are disclosed, see col. 5 line 47 to col. 6 line 27.

Claim 11 is disclosed, see col. 6 lines 15-25, col. 5 lines 8-24.

Claim 15 is disclosed, see col. 4 lines 27-51.

**Claim 17:**

Bartlett discloses:

A method of operating a color display device (see Fig. 1) for displaying a color image, comprising the steps of:

"generating light having different predetermined radiance spectra in subsequent first and second periods", see col. 5 lines 47-61,

"filtering the generated light from the selected light sources for generating primary colors on the display panel during the subsequent periods", see col. 5 lines 5-25, col. 6 lines 10-27,

"and providing image information corresponding to the primary colors related to the subsequent periods to portions of the color display panel", see col. 5 lines 13-61.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bartlett (US 6,252,636) in view of Ernstaff et al (US 5,668,611).

Bartlett discloses all the claimed invention as pointed out above, except that Bartlett does not explicitly say that the light sources comprise fluorescent lamps or light emitting diodes, as claimed in claim 16. However, the reference to Ernstaff clearly shows that the light sources can comprise light emitting diodes as claimed (see Ernstaff at col. 7 lines 50-60); an artisan would be motivated to combine the references to arrive at the claimed invention; the combination would achieve, *inter alia*, improved color balance and brightness. Therefore, the claimed invention would have been obvious to a person of ordinary skill in the art at the time the invention was made.

#### ***Allowable Subject Matter***

5. Claims 7-10, 12-14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean W. Désir whose telephone number is (571) 272 7344. The examiner can normally be reached on 5/4/9 - First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Ometz can be reached on (571) 272 7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**JWD**  
**Sep. 27, 07**



DAVID OMETZ  
SUPERVISORY PATENT EXAMINER